



# Crop Progress and Condition

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**In Cooperation with:**  
Univ. of KY – Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

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**Agricultural News:** Kentucky experienced below normal temperatures and above normal precipitation over the past week. Precipitation for the week totaled 1.34 inches, 0.35 inches above normal. Temperatures averaged 44 degrees for the week, 8 degrees below normal. **Topsoil moisture** was rated 38 percent adequate and 62 percent surplus. **Subsoil moisture** was rated 46 percent adequate and 54 percent surplus. Days suitable for fieldwork averaged 1.4 out of a possible seven.

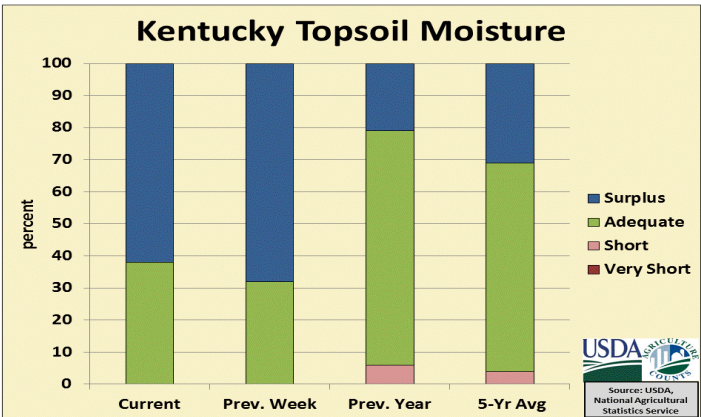
Primary activities for this week included seeding of tobacco transplants and planting preparation for field crops. Continuous wet weather has kept farmers from making progress in terms of fieldwork. There was some tornadic activity early in the week across the western and central portions of the state. This severe weather gave way to more precipitation and cold temperatures as the weekend approached. A freeze and some snow over the weekend threatens growth of wheat, pasture, and hay. There were reports of hay shortage as some pastures are being damaged due to the excess rain coupled with livestock traffic.

The average height of winter wheat is 10 inches at this time. Eighteen percent of apples and 21 percent of peaches are in bloom at this juncture.

SOIL MOISTURE for week ending 04/08/18

	Very Short	Short	Adequate	Surplus
	%	%	%	%
Topsoil	-	-	38	62
Subsoil	-	-	46	54

- Represents zero.



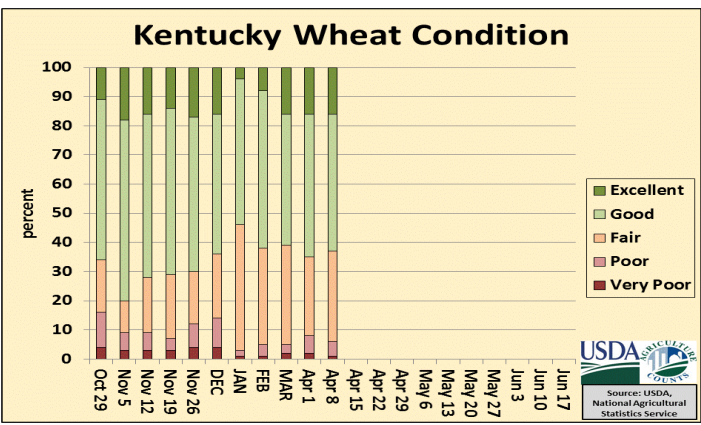
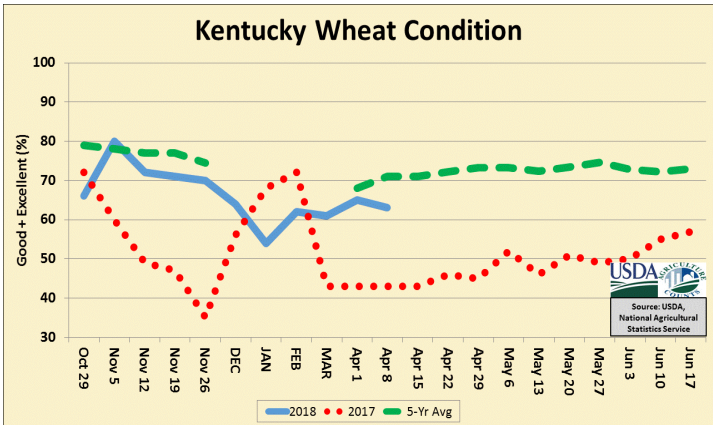
CROP PROGRESS for week ending 04/08/18

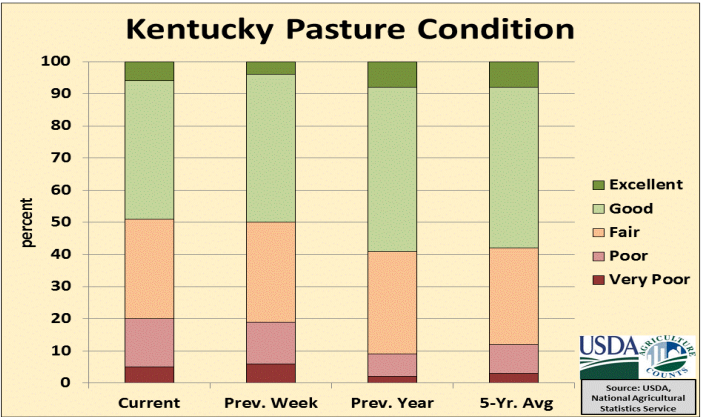
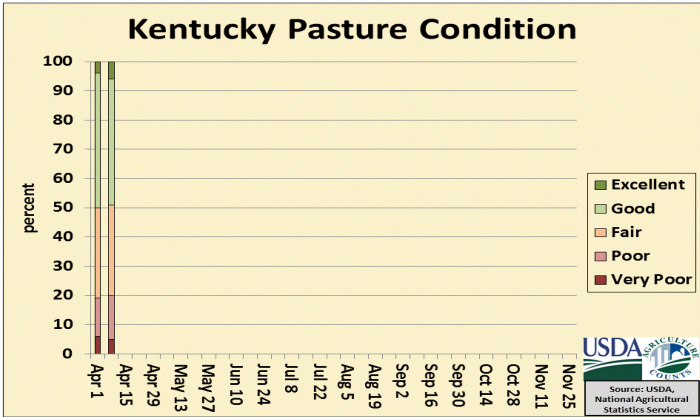
Crop Stage	This Week	Last Week	Last Year	5-Yr Avg
	%	%	%	%
Apples Blooming	18	-	-	-
Corn Planted	0	-	3	2
Peaches Blooming	21	-	-	-
Tobacco Transplants Seeded	64	53	65	70

- Not available.

CROP CONDITIONS for week ending 04/08/18

Crop	Very Poor	Poor	Fair	Good	Excellent
	%	%	%	%	%
Pasture	5	15	31	43	6
Wheat	1	5	31	47	16





**Kentucky Climate Summary**  
**For the Period April 2, 2017 to April 8, 2018**

Well Below Normal Temperatures and Above Normal Precipitation:

Weather-wise, Kentucky went through a rollercoaster this past week, seeing glimpses of both winter and spring. Early in the week, focus was on severe weather. With the state located within an unstable air mass, strong to severe storms formed ahead and along a strong cold Tuesday evening and into the overnight. Several tornadoes were confirmed across Western and Central Kentucky, in addition to damaging winds. Ahead of the boundary, temperatures soared into the 70s, but then took quite the step back with the frontal passage and Canadian high pressure building into the Ohio Valley. Thursday morning lows dipped into the middle 20s to low 30s, prompting the first freeze warnings of the spring season to be issued as some agriculture becomes susceptible. While mild on Friday, another cold front pushed through the area Friday night. Precipitation transitioned to a wet snow and led to some minor accumulations with most under an inch. Skies cleared Saturday night and another freeze warning was issued with lows dipping again into the 20s. Even had several locations in the upper teens to low 20s.

Temperatures for the period averaged 44 degrees across the state which was 8 degrees cooler than normal and 10 degrees cooler than the previous period. High temperatures averaged from 54 in the West to 56 in the East. Departure from normal high temperatures ranged from 12 degrees cooler than normal in the West to 9 degrees cooler than normal in the East. Low temperatures averaged from 36 degrees in the West to 34 degrees in the East. Departure from normal low temperature ranged from 7 degrees cooler than normal in the West to 3 degrees cooler than normal in the East. The extreme high temperature for the period was 80 degrees at FORT CAMPBELL and the extreme low was 19 degrees at RICHMOND 8E.

Precipitation (liq. equ.) for the period totaled 1.34 inches statewide which was 0.35 inches above normal and 136% of normal. Precipitation totals by climate division, West 0.80 inches, Central 1.21 inches, Bluegrass 1.57 inches and East 1.80 inches, which was -0.29, 0.19, 0.67 and 0.86 inches respectively from normal. By station, precipitation totals ranged from a low of 0.41 inches at CAPE GIRARDEAU ASOS to a high of 3.46 inches at JACKSON AIRPORT.

**KENTUCKY TEMPERATURES AND RAIN FALL**  
**FOR WEEK ENDING SUNDAY, 04/08/18 4 p.m.**

Weather Station	Precipitation		Deviation From Norm Since Jan 1	Temperatures					Air Temp. Dev. From Normal
	Last Week	Since Jan 1		Soil		Air		Wkly. Avg.	
				4 In. Grass					
				High	Low	High	Low		
	(Inches)	(Inches)	(Inches)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)	(Degrees Fahrenheit)
Bardstown	2.40	21.55	10.05	55	44	76	23	46	-7
Berea	2.17	18.14	6.95	--	--	76	19	43	-8
Bowling Green	0.82	16.86	2.66	60	41	79	29	46	-7
Bristol	1.14	14.28	3.03	--	--	73	25	48	-3
Buckhorn Lake	1.58	15.83	3.36	--	--	77	21	45	-6
Cape Girardeau	0.31	19.29	6.86	--	--	74	27	44	-11
Campbellsville	2.04	18.96	5.17	--	--	76	25	44	-9
Covington	1.33	17.88	7.36	--	--	77	25	42	-9
Cumberland Gap	1.01	19.21	4.74	--	--	77	24	46	-5
Dix Dam	1.57	18.83	6.98	--	--	77	22	43	-8
Evansville	1.29	17.38	5.82	--	--	73	27	43	-12
Glasgow	0.69	16.21	1.89	56	41	77	27	45	-8
Grayson	1.48	17.03	6.90	--	--	77	22	43	-8
Hardinsburg	1.63	20.24	7.12	--	--	79	25	45	-8
Henderson	1.37	17.12	5.10	--	--	74	28	44	-11
Huntington	0.82	15.73	5.66	--	--	77	23	44	-7
Jackson	2.30	19.74	7.42	--	--	78	25	46	-5
Lexington	1.30	19.19	7.69	57	41	78	25	44	-7
London	1.48	17.05	4.50	--	--	75	23	45	-6
Louisville	1.12	20.25	8.30	--	--	80	30	47	-6
Mayfield	0.46	21.60	6.47	--	--	76	28	45	-10
Nashville	1.30	18.65	5.22	--	--	73	30	47	-6
Nolin Lake	0.91	19.11	5.88	--	--	78	26	47	-6
Paducah	0.42	18.49	5.06	60	40	75	28	45	-10
Princeton	0.41	18.09	3.64	60	40	77	25	46	-9
Quicksand	2.14	17.33	5.01	--	--	79	26	46	-5
Somerset	1.48	19.02	5.77	--	--	77	22	44	-7
Spindletop	1.12	22.26	10.76	57	41	77	25	43	-8
Williamstown	1.98	17.33	6.21	--	--	77	24	42	-9

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859) 218-4364.